

INDEX TO VOLUME 16

Authors

- Acri, A.A., 498
 Adams, B.D., 527
 Adler, J., 1
 Adnet, F., 435
 Aggarwal, M., 64
 Ahmed, A., 64
 Ahmed, M., 438
 Ahrens, W.R., 67
 Albanna, S.E., 166
 Allegra, J.R., 43
 Altmannsberger, S., 677
 Alto, W.A., 422
 Amaraneni, K., 160
 Anantharaman, 96
 Ander, D.S., 404
 Anders, R.M., 5
 Angelastro, D.B., 406
 Ankney, R.N., 228
 Antonelli, A.M., 662
 Atchley, B., 393
 Atchley, R.B., 125
 Atkinson, L.D., 179
 Attia, M.W., 374

 Babl, F.E., 514
 Babson, T., 37
 Bailie, G.R., 98, 538
 Ball, P.A., 346
 Balog, J.M., 107
 Banas, J.S., 623
 Baraff, L.J., 60
 Barash, P., 219
 Barberis, M., 546
 Barbosa, G., 662
 Baron, D., 132
 Barrett, T., 121
 Barron, M., 137
 Bartfield, J.M., 100, 145
 Bartleson, J.D., 179
 Bates, D.J., 216
 Bayer, M.J., 517
 Beach, C., 49
 Beaver, K.M., 505
 Beeson, M.S., 541
 Bergler, W.F., 677
 Berlin, R., 534
 Berthier, F., 132
 Bettoli, V., 521
 Birrer, R.B., 265
 Blaho, K., 529
 Blake, J.J., 618
 Blanda, M.P., 401
 Bloom, M.A., 262
 Blythe, P.A., 37
 Bonfante, G., 272
 Borron, S.W., 435
 Bosinski, T., 98
 Bouras, A.E., 512
 Boussuges, A., 215
 Boychuk, R.B., 634
 Brady, W.J., 85, 125, 281,
 409, 592, 686, 692, 697

 Braslow, A., 653
 Brathwaite, C.C.M., 598
 Brennan, R.T., 653
 Brenner, B., 69
 Brogan, G.X., 327
 Brokaw, J., 141
 Brook, I., 585
 Brown, E.T., 717
 Browne, W.T., 527
 Brubacher, J.R., 534
 Brunton, B., 664
 Burke, T.F., 242
 Burns, A.B., 538
 Bush, A.C., 37
 Byrd, R.G., 154
 Byrd, R.P., Jr., 154

 Calkins, K.K., 708
 Camasso, C., 37
 Campbell, A., 157
 Campbell, R., 296
 Carey, M., 722
 Carlson, S.A., 333
 Carmody, T., 553
 Ceruti, S., 614
 Chan, L., 270, 382, 705
 Chandramohan, K., 102
 Chang, H., 711
 Charette, J.D., 546
 Chen, P.-H., 711
 Chen, S.-C., 329
 Cheng, Y.F., 714
 Chern, C.-H., 238
 Chern, T.-L., 238
 Chiang, W.K., 701
 Christensen, R.C., 95
 Ciccone, A., 43
 Cisek, J., 720
 Clark, K.C., 390
 Clark, R.F., 214
 Cobaugh, D.J., 114
 Cochran, D.G., 43
 Cody, R.P., 43
 Cohen, D.M., 121
 Coil, J.A., 228
 Colaric, K.B., 353
 Cortazzo, J.M., 619
 Cotter, G., 219
 Counselman, F.L., 285, 572
 Cox, K., 170

 Daly, P.W., 324
 Dammin, T.C., 512
 D'Andrea, C.C., 270, 376
 Dannon, P.N., 328
 Dano, I., 103
 DeFrehn, R., 228
 Del-Ray, J.A.G., 350
 DeMeo, M., 517
 Deng, J.-F., 238
 Derlet, R.W., 338
 Dickinson, E.T., 289, 579

 DiGuilio, G.A., 350
 Dive, A., 371
 Dohi, S., 667
 Donckier, J., 371
 Dantes, A., 257
 Dula, D.J., 557
 Dyer, K.S., 443
 Dziedzic, L., 686

 Edward, R., 374
 Eisele, G., 98, 538
 Eisenberg, M.S., 363
 Ekkernkamp, A., 320
 Eliashar, R., 103
 Enriquez, E., 404
 Erickson, T.B., 257, 553, 568
 Ernst, A., 183
 Eskin, B., 549

 Faibel, H., 219
 Fani-Salek, M.H., 102
 Feldman, B., 502
 Felson, D., 560
 Fendrich, M., 257
 Ferrari, F., 662
 Ferrera, P.C., 145, 185, 279,
 376, 382, 576, 671
 File, P., 173
 Fincher, L., 379
 Fraenkel, L., 560
 Frazier, E.H., 585
 Friedland, L.R., 87
 Fullerton, L., 141
 Fulop, M., 76

 Gallerani, M., 521, 614, 662
 Galli, R.L., 5
 Gallo, U., 401
 Gavin, T.J., 505
 Gelwix, T.J., 541
 Genners, K., 304
 Genzwürker, H.V., 435
 Geraci, S., 529
 Gerbeaux, P., 215
 Gershon, T., 523
 Gerstle, M.L., 90
 Ghadirpour, R., 614
 Gillen, J.P., 406
 Gines, R., 104, 216
 Ginsberg, W., 315
 Golik, A., 219
 Graff, J., 249
 Greaves, T.H., 609
 Green, M., 125
 Grella, M., 396
 Gross, R., 328
 Gurr, M.B., 643
 Guttman, T.G., 564

 Hackeling, T., 681
 Halm, B., 420
 Harbeck-Weber, C., 121

 Hart, R.G., 67
 Hashimoto, T., 667
 Hatley, T., 125
 Hayakawa, T., 209
 Hayward, R., 107
 Heller, M.B., 245, 272
 Henretig, F.M., 498
 Henry, M.B., 406
 Herfel, R.F., 618
 Herman, L., 265, 613
 Herr, C.H., 346
 Hetzel, T.M., 386
 Hilker, T., 435
 Ho, C.-H., 249
 Hrics, P., 401
 Hsiao, C.K., 92
 Hsu, H.-Y., 92
 Hu, S.-C., 238
 Huang, G.-T., 329
 Huff, J.S., 572, 686
 Hung, C.-R., 711

 Iida, H., 667
 Inoue, S., 723
 Installé, E., 371
 Iserson, K.V., 208, 710
 Ito, T., 209

 Jaggi, F.M., 404
 Jagoda, A., 582
 James, M., 367
 Jamshahi, B., 701
 Jandreau, S.W., 674
 Jatzko, A., 399
 Jean, P., 215
 Jehle, D., 379
 Jenkins, A.K., 5
 Johnson, B., 183
 Jones, J., 56
 Jones, J.B., 557
 Jones, J.S., 117, 262, 333,
 367

 Kapp, M.B., 325
 Karch, S.B., 249
 Kauder, D.R., 598
 Kaye, W., 669
 Kazanov, L., 404
 Kharasch, E.D., 170, 437
 Kharasch, S., 514
 Kindschu, M.W., 613
 Kirsch, T.D., 137
 Kispert, P., 671
 Kizer, K.W., 357
 Klein, B.L., 396
 Klein-Schwartz, W., 443
 Kne, T., 648
 Koenigsberg, M., 553
 Koetter, K.P., 435
 Kohn, M.S., 69
 Kolb, J.C., 414
 Kolm, P., 572
 Kondo, J., 209

INDEX TO VOLUME 16

Authors

- Acri, A.A., 498
Adams, B.D., 527
Adler, J., 1
Adnet, F., 435
Aggarwal, M., 64
Ahmed, A., 64
Ahmed, M., 438
Ahrens, W.R., 67
Albanna, S.E., 166
Allegra, J.R., 43
Altmannsberger, S., 677
Alto, W.A., 422
Amaraneni, K., 160
Anantharaman, 96
Ander, D.S., 404
Anders, R.M., 5
Angelastro, D.B., 406
Ankney, R.N., 228
Antonelli, A.M., 662
Atchley, B., 393
Atchley, R.B., 125
Atkinson, L.D., 179
Attia, M.W., 374
- Babl, F.E., 514
Babson, T., 37
Baillie, G.R., 98, 538
Ball, P.A., 346
Balog, J.M., 107
Banas, J.S., 623
Baraff, L.J., 60
Barash, P., 219
Barberis, M., 546
Barboso, G., 662
Baron, D., 132
Barrett, T., 121
Barron, M., 137
Bartfield, J.M., 100, 145
Bartleson, J.D., 179
Bates, D.J., 216
Bayer, M.J., 517
Beach, C., 49
Beaver, K.M., 505
Beeson, M.S., 541
Bergler, W.F., 677
Berlin, R., 534
Berthier, F., 132
Bettoli, V., 521
Birrer, R.B., 265
Blaho, K., 529
Blake, J.J., 618
Blanda, M.P., 401
Bloom, M.A., 262
Blythe, P.A., 37
Bonfante, G., 272
Borron, S.W., 435
Bosinski, T., 98
Bouras, A.E., 512
Boussuges, A., 215
Boychuk, R.B., 634
Brady, W.J., 85, 125, 281, 409, 592, 686, 692, 697
- Braslow, A., 653
Brathwaite, C.C.M., 598
Brennan, R.T., 653
Brenner, B., 69
Brogan, G.X., 327
Brokaw, J., 141
Brook, I., 585
Brown, E.T., 717
Browne, W.T., 527
Brubacher, J.R., 534
Brunton, B., 664
Burke, T.F., 242
Burns, A.B., 538
Bush, A.C., 37
Byrd, R.G., 154
Byrd, R.P., Jr., 154
- Calkins, K.K., 708
Camasso, C., 37
Campbell, A., 157
Campbell, R., 296
Carey, M., 722
Carlson, S.A., 333
Carmody, T., 553
Ceruti, S., 614
Chan, L., 270, 382, 705
Chandramohan, K., 102
Chang, H., 711
Charette, J.D., 546
Chen, P.-H., 711
Chen, S.-C., 329
Cheng, Y.F., 714
Chern, C.-H., 238
Chern, T.-L., 238
Chiang, W.K., 701
Christensen, R.C., 95
Ciccone, A., 43
Cisek, J., 720
Clark, K.C., 390
Clark, R.F., 214
Cobaugh, D.J., 114
Cochrane, D.G., 43
Cody, R.P., 43
Cohen, D.M., 121
Coil, J.A., 228
Colaric, K.B., 353
Cortazzo, J.M., 619
Cotter, G., 219
Counselman, F.L., 285, 572
Cox, K., 170
- Daly, P.W., 324
Dammin, T.C., 512
D'Andrea, C.C., 270, 376
Dannon, P.N., 328
Dano, I., 103
DeFrehn, R., 228
Del-Ray, J.A.G., 350
DeMeo, M., 517
Deng, J.-F., 238
Derlet, R.W., 338
Dickinson, E.T., 289, 579
- DiGuilio, G.A., 350
Dive, A., 371
Dohi, S., 667
Donckier, J., 371
Dontes, A., 257
Dula, D.J., 557
Dyer, K.S., 443
Dziedzic, L., 686
- Edward, R., 374
Eisele, G., 98, 538
Eisenberg, M.S., 363
Ekkernkamp, A., 320
Eliashar, R., 103
Enriquez, E., 404
Erickson, T.B., 257, 553, 568
Ernst, A., 183
Eskin, B., 549
- Faibel, H., 219
Fani-Salek, M.H., 102
Feldman, B., 502
Felson, D., 560
Fendrich, M., 257
Ferrari, F., 662
Ferrera, P.C., 145, 185, 279, 376, 382, 576, 671
File, P., 173
Fincher, L., 379
Fraenkel, L., 560
Frazier, E.H., 585
Friedland, L.R., 87
Fullerton, L., 141
Fulop, M., 76
- Gallerani, M., 521, 614, 662
Galli, R.L., 5
Gallo, U., 401
Gavin, T.J., 505
Gelwix, T.J., 541
Genners, K., 304
Genzwürker, H.V., 435
Geraci, S., 529
Gerbeaux, P., 215
Gershon, T., 523
Gerstle, M.L., 90
Ghadirpour, R., 614
Gillen, J.P., 406
Gines, R., 104, 216
Ginsberg, W., 315
Golik, A., 219
Graff, J., 249
Greaves, T.H., 609
Green, M., 125
Grella, M., 396
Gross, R., 328
Gurr, M.B., 643
Guttman, T.G., 564
- Hackeling, T., 681
Halm, B., 420
Harbeck-Weber, C., 121
- Hart, R.G., 67
Hashimoto, T., 667
Hatley, T., 125
Hayakawa, T., 209
Hayward, R., 107
Heller, M.B., 245, 272
Henretig, F.M., 498
Henry, M.B., 406
Herfel, R.F., 618
Herman, L., 265, 613
Herr, C.H., 346
Hetzl, T.M., 386
Hilker, T., 435
Ho, C.-H., 249
Hrics, P., 401
Hsiao, C.K., 92
Hsu, H.-Y., 92
Hu, S.-C., 238
Huang, G.-T., 329
Huff, J.S., 572, 686
Hung, C.-R., 711
- Iida, H., 667
Inoue, S., 723
Installé, E., 371
Iserson, K.V., 208, 710
Ito, T., 209
- Jaggi, F.M., 404
Jagoda, A., 582
James, M., 367
Jamshahi, B., 701
Jandreau, S.W., 674
Jatzko, A., 399
Jean, P., 215
Jehle, D., 379
Jenkins, A.K., 5
Johnson, B., 183
Jones, J., 56
Jones, J.B., 557
Jones, J.S., 117, 262, 333, 367
- Kapp, M.B., 325
Karch, S.B., 249
Kauder, D.R., 598
Kaye, W., 669
Kazanov, L., 404
Kharasch, E.D., 170, 437
Kharasch, S., 514
Kindschu, M.W., 613
Kirsch, T.D., 137
Kispert, P., 671
Kizer, K.W., 357
Klein, B.L., 396
Klein-Schwartz, W., 443
Kne, T., 648
Koenigsberg, M., 553
Koetter, K.P., 435
Kohn, M.S., 69
Kolb, J.C., 414
Kolm, P., 572
Kondo, J., 209

- Koren, W., 177
 Kotler, M., 328
 Koury, S.I., 550, 618
 Koury, T.G., 572
 Krenzelok, E.P., 393
 Kreplick, L.W., 1, 173
 Krohmer, J.R., 367
 Kruesi, M.J.P., 257
 Kuhn, G.J., 157
 Kuisma, M., 12
 Kumar, S.D., 669
 Kumar, V., 669
 Kurata, J., 254
 Kurek, S., 228
- La Charité, D.D., 550
 Larsen, M.P., 363
 Lavalley, M., 560
 Lechowicz, M.J., 327
 Leconte, P., 132
 Lee, C.-H., 238
 Lee, D.C., 545
 Lee, J., 568
 Lee, S., 443
 Lee, T.Y., 714
 Lee, T.Y.C., 714
 Lenaghan, P.A., 128
 Lenahan, L.C., 183
 Lenz, M., 435
 Lepkifker, E., 328
 Lheureux, P., 95
 Lin, C.-C., 711
 Lin, C.-S., 711
 Lin, R.Y., 436
 Lin, Y.-L., 92
 Linares, M., 438
 Linden, C.H., 544
 Lindsay, R., 686
 Litovitz, T.L., 443
 Liu, C.-Y., 711
 Logan, B., 529
 Losek, J.D., 386
 LoVecchio, F., 534
 Luber, S., 281
- Ma, H.-M., 92
 Ma, M.H.-M., 329
 Ma, O.J., 125, 681
 Määttä, T., 12
 Machiels, J.P., 371
 MacLeod, B.A., 5
 Mader, T.J., 617
 Magenta, G., 662
 Maleck, W.H., 399, 435, 677
 Manfredini, R., 521, 662
 Manthey, D., 49
 Mantovani, G., 614
 Marafioti, V., 188
 Markert, R.J., 564
 Marr, J.J., III, 160
 Martin, S., 117
 Martin, T.P., 525
 Mautz, D.S., 170
 Mayer, D., 674
 Mayrose, J., 379
 McAnaney, C.M., 350
 McCabe, C.J., 26, 309, 425
- McGoldrick, D., 538
 McHugh, T.P., 166
 McKay, C.A., Jr., 436, 517
 McKee, K.F., 312
 McNamara, R.M., 1
 Meek, P.D., 603
 Mehta, R., 564
 Mehta, T., 1
 Meischke, H., 363
 Melanson, S.W., 245, 272
 Meldon, S., 281
 Melish, M.E., 193
 Merline, J., 157
 Metzker, E., 219
 Migden, D.R., 101
 Miller, R., 219
 Milne, S.T., 603
 Mlinek, E.J., 390
 Montgomery, S.C., 285
 Moore, K., 353
 Morris, R., 568
 Morris, R.W., 553
 Morse, J.W., 37
 Moscati, R., 379
 Moshkovitz, Y., 219
 Muelleman, R.L., 128, 627
 Mueller, R.W., 306
 Muhr, G., 320
 Müller, E.J., 320
 Muñoz, A.E., 690
- Nall, K.S., 502
 Neff, T.L., 333
 Nelson, B., 717
 Nelson, D.R., 52
 Nelson, D.S., 643
 Nelson, M., 56
 Noblett, K.E., 276
 Nolan, B., 723
 Nordt, S.P., 214
 Novelline, R.A., 26
- O'Bryan, M.M., 623
 Ofosu, J.R., 396
 Olshaker, J.S., 523
 Olson, L., 141
 O'Neil, B.J., 157
 Ornato, J.P., 720
 Overton, D.T., 353
- Pakieser, R.A., 128
 Palmer, R.B., 170, 437
 Panacek, E.A., 1
 Patterson, J.D., 245
 Pauze, D.R., 382
 Peebles, J.S., 572
 Peek, C., 60
 Peng, C.L., 96
 Peron, L., 521
 Petroianu, G.A., 399, 677
 Pinkofsky, H.B., 631
 Plantz, S.H., 1
 Playe, S.J., 617
 Plzak, C., 117
 Poirier, M.P., 350
 Pokorny, S., 257
 Porter, J.M., 225
- Potel, G., 132
 Powers, J.D., 121
 Powers, M., 443
 Powers, R.D., 708
 Prejean, C., 343
 Preston, C.A., 160
 Pronchik, D., 245
 Pronchik, D.J., 163
 Pudupud, A.A.R., 438
- Quinton, H.B., 346
- Raccio-Robak, N., 100
 Radovsky, A., 17
 Raffaele, R., 438
 Ramos, D.E., 242
 Ramoska, E.A., 34
 Randall, Z., 56
 Rao, P.M., 26, 309
 Rasul, F.M., 438
 Rawls, H.P., Jr., 285
 Reardon, R.F., 101
 Reed, W.J., 306
 Reeves, R.R., 631
 Reich, J.D., 296
 Reicho, P.R., 100
 Repo, J., 12
 Rhea, J.T., 26
 Richards, J.R., 338
 Richman, P.B., 327
 Rittenhouse, D.R., 664
 Ritter, A., 549
 Roberge, R.J., 393
 Robinson, T.T., 265
 Robinson, W.A., 304
 Rocci, C.A., 185
 Roche, L.M., 43
 Rodrigo, C., 95, 436, 637
 Rodrigo, G., 95, 436, 637
 Rosano, T.G., 538
 Rosner, M.H., 697
 Ross, S.E., 598
 Rotondo, M.F., 598
 Roy, T.M., 154
 Rudman, N.T., 242
 Rüfer, R., 399, 677
 Rush, M.D., 508
 Russell, T.J., 279
 Ryan, K., 393
- Saah, D., 103
 Sachs, C.J., 60
 Safar, P., 17
 Sagarin, M.J., 309
 Salinas, C., 254
 Salluzzo, R.F., 145, 289
 Sama, A., 265
 Sanders, D.Y., 414
 Sargent, S.K., 346
 Saryan, J.A., 512
 Sassa, H., 209
 Schievink, W.I., 179
 Schiowitz, M.F., 293
 Schlezinger, Z., 219
 Schneider, C.M., 107
 Schneider, R.M., 289
 Schoenfeld, C.N., 508
- Schunk, J.E., 643
 Schwab, C.W., 598
 Schwab, R.A., 304
 Schwab, T.M., 609
 Schwartz, G., 617
 Seaberg, D.C., 5
 Seto, D.S.Y., 193
 Sexton, J., 163
 Sexton, J.D., 245
 Seymour, J.J., 576, 579
 Shahar, A., 177
 Shallash, A.J., 613
 Shannon, M., 443
 Sheffield, W., 262
 Shemesh, E., 219
 Shepherd, G., 437
 Shesser, R., 137
 Shields, B.J., 121
 Shih, F.-Y., 329
 Shimauchi, A., 209
 Shockley, W., 681
 Sholar, J.B., 534
 Shomo, H., 228
 Shyu, K.-G., 711
 Sichel, J.-Y., 103
 Simovitz, A., 219
 Sing, R.F., 598
 Singer, A.J., 327
 Singer, J., 616
 Singh, Y., 225
 Singleton, R., 343
 Sklar, D., 141, 232
 Smith, G.A., 121
 Smith, R.W., 52
 Smith-Demps, C., 582
 Smithline, H.A., 90
 Snyder, H.S., 145, 150
 Sone, T., 209
 Spillane, L., 648
 Spiller, J.D., 276
 Starr, E., 517
 Steele, M.T., 627
 Stein-Spencer, L., 553
 Stevens, L., 631
 Stewart, N.J., 166
 Stone, C.K., 550, 618
 Storrow, A.B., 546
 Strausbaugh, S.D., 121
 Summers, R.L., 5
 Suthar, B.S., 160
 Swift, T., 538
- Tandberg, D., 141, 232
 Thode, H.C., Jr., 327
 Thomas, L.P., 87
 Tibbets, J., 232
 Toki, Y., 209
 Tom, K.B., 619
 Toomes, L.M., 399
 Torre, M., 546
 Torro, D., 215
 Totapally, B.R., 723
 Totten, V.Y., 102
 Touze, M.-D., 132
 Tran, L.V., 627
 Tremea, M.O., 367

- | | | | |
|------------------------------|---------------------------|---------------------|-------------------------------|
| Triana, R., 681 | Waldrop, R.D., 56, 343 | Weiner, T., 616 | Yamamoto, L.G., 193, 420, 634 |
| Truemper, E., 104 | Walker, C.W., 390 | Whisnant, J.P., 179 | Young, J., 125 |
| Tseng, Y.-Z., 92 | Walley, M.E., 564 | White, L.J., 262 | Young, R., 648 |
| Tsuboi, H., 209 | Wallis, K.J., 265 | Wick, M., 320 | Young, S., 249 |
| Tucker, J.R., 544 | Wang, L.-M., 238 | Wilber, S., 401 | |
| | Wang, S.-M., 329 | Winbery, S., 529 | |
| Ushkow, B.S., 100 | Wang, S.-M., 92 | Wislar, J.S., 257 | |
| | Wansaicheong, G.K.-L., 96 | Wolfe, T.R., 658 | Zafren, K., 437 |
| Valvano, M.N., 525 | Warren, R.L., 425 | Wood, J.P., 173 | Zager, S., 546 |
| Vandenberg, J.T., 242 | Watson, E., 64 | Woodward, L.H., 5 | Zardini, P., 188 |
| Vassalluzzo, C., 545 | Watson, W.A., 508, 627 | Woolf, A., 514 | Zautcke, J.L., 553, 568 |
| Vassar, M.J., 357 | Wax, P.M., 114 | Worthley, R.G., 193 | Zimmers, T., 191, 312, 417 |
| Verdile, V.P., 145, 289, 705 | Weddle, J., 664 | Wynn, B.N., 117 | Zohar, J., 328 |
| Veronesi, V., 614 | Weiner, A.L., 436, 517 | | Zonies, D.H., 598 |
| Vizza, J., 228 | Weiner, B., 616 | Xiao, F., 17 | Zureikat, G., 723 |

INDEX TO VOLUME 16

Subjects

- Abdominal disorders, ED diagnosis, elderly patients, 357-362
- Abdomen, lower right quadrant, CT appearance of appendicitis, 26-33
- Abdominal aortic aneurysm, ruptured, atypical presentation (letter), 438
- Abdominal pain, Takayasu's arteritis (letter), 96-98
- Abdominal trauma, blunt
CT in the ED, 338-342
retroperitoneal organ injury, CT value in, 225-227
- Acyclovir
in disseminated herpes simplex, neonate, 376-378
oral administration, neutropenia and thrombocytopenia associated with, 396-398
- Adolescents, implementing means restriction education for suicide, urban EDs, 257-261
- Adrenergic beta-antagonists, intravenous, in acute myocardial infarction, editorial 720-721, 623-626
- Aeromedical transport team, rapid sequence induction for intubation, 598-602
- Aging
abdominal disorders in, ED diagnosis, 357-362
differences in diagnoses, elderly population, 43-48
- Agitation, severe, hypothermia and, ibuprofen overdose (letter), 549-550
- Air bag, deployment, hyphema, pediatric trauma patient (letter), 102-103
- Air embolism, portable quantitative capnometer, prehospital care, 399-400
- Air medical transport, airway intubation, success rate using neuromuscular blockers, 125-127
- Air travel, barotrauma during, decongestant prevention of, comparison, 262-264
- Airway
artificial, oral intubation with Endotrol endotracheal tube, 276-278
catastrophic events, monitoring capnography, pulse oximetry, and vital signs in, 350-352
critical management, intubation and, cardiac arrest as sequelae of, 609-612
edema, after household bleach ingestion, 514-516
emergency care, tracheostomy patients, 681-685
intubation, success rate with neuromuscular blocking agents, 125-127
management, large-diameter suction tubing and evacuation time in, 242-244
obstruction, spontaneous bilateral arytenoid hematoma, warfarin patient, 674-676
upper, emergency, caustic ingestion of bleach, 514-516
- Alcohol
acute intoxication, repeated ambulance use by patients with, 141-144
beverages, proof and flammability (letter), 544-545
blood content, trauma related to, rural trauma center, 228-231
ketoacidosis, reversible myocardial dysfunction in, 371-373
Allergic alveolitis, shortness of breath, pet cockatiel, 285-288
Allergic reaction, anaphylaxis, zinc ointment, 512-513
Alveolar-arterial oxygen gradient, assessment of pulmonary embolism, 333-337
Amaurosis fugax, Takayasu's arteritis presenting as, 185-187
Ambulance, repeated use, three chronic conditions, 141-144
American Association of Poison Control Centers, Toxic Exposure Surveillance System, 1997 Annual Report, 443-497
Aminophylline, intravenous, *versus* nebulized fenoterol, acute asthma (letter), 95
Aminotransferase, levels, after cresol poisoning, 667-669
Amlodipine, overdose, prolonged calcium channel blocker toxicity, 527-528
Amyloidosis, splenic rupture, in continuous ambulatory peritoneal dialysis, 279-280
Analgesia, sublingual hyoscymamine sulfate, intravenous ketorolac tromethamine and, relief of renal colic, 557-560
Analgesics, pain control, after discharge from ED, 705-707
Anaphylaxis, topical bacitracin zinc ointment, 512-513
Ancillary tests, costs of, impact of residents on, 245-248
Anemia, severe, unrecognized, children with respiratory distress, 386-389
Anesthesia, intradermal, temperature and pH adjustments of bupivacaine, 117-120
Anesthetics
local
bupivacaine, temperature and pH adjustment effects, 117-120
infiltration, pain, reduction of (letter), 617
lidocaine administration, pain reduction through buffering and warming, 353-356
topical, prilocaine-phenylephrine, bupivacaine-phenylephrine and, lacerations, 121-124
Aneurysm, internal carotid artery, traumatic dissection, blunt softball injuries, 179-182
Angina, unstable, high-dose nitrates in treatment of, 219-224
Angiomyolipoma, renal, ruptured, presenting as renal colic, 658-661
Ankle, injuries, Ottawa Ankle Rules, adults in the ED, 564-576
Antacid, topical suspension, treatment of mace dermatitis (letter), 613-614
Antibiotics, parenteral, overuse in urban ED, 343-345

- Anticholinergic poisoning
adulterated intranasal cocaine, 517-520
treatment with physostigmine, 505-507
- Anticoagulation, warfarin, spontaneous bilateral arytenoid hematoma in, 674-676
- Aortic dissection, acute, painless, presenting as left lower extremity numbness, 49-51
- Appendicitis
migratory pain in (letter), 437-438
recurrent and chronic, CT appearance of, 26-33
stump, diagnosed by CT, 309-311
- Appendix, CT appearance of appendicitis, 26-33
- Arm, pain, spiral fracture in humerus of ball thrower, 306-308
- Arytenoid cartilage, hematoma, spontaneous bilateral, warfarin patient, 674-676
- Ascites, pseudo-Meigs's syndrome, 404-405
- Asphyxia, cardiac arrest, mild protective and resuscitative hypothermia in, rat, 17-25
- Asthma
acute
early corticosteroids in (letter), 436
in the ED, admit or discharge, 69-75
nebulized fenoterol *versus* IV aminophylline in treatment (letter), 95
acute exacerbation, peak expiratory flow rate and speaking time in, 572-575
bronchospasm in, nebulized glucagon in treatment of, 272-275
severe, salbutamol treatment, ED, 637-642
- Asystole, seizure-related bradycardia and, in epilepsy, 582-584
- Atlanto-occipital dislocation, traumatic, unrecognized, 406-408
- Auscultation, percussion technique, diagnosis of hip fractures, 173-176
- Authorship, multiple, 708-709
- Axillary artery, injury, after proximal fracture of the humerus, 154-156
- Bacitracin zinc ointment, topical, anaphylaxis to, 512-513
- Bacteremia, occult, febrile children at risk for, decision analysis, 193-207
- Bacteria, aerobic and anaerobic, infection after trauma, 585-591
- Barotrauma, during air travel, decongestant prevention of, comparison, 262-264
- Basilar artery, occlusion, after severe chest and minor head trauma (letter), 614-616
- Benzodiazepines
overdose
endotracheal flumazenil administration for antagonism, 170-172
endotracheal flumazenil administration (letter), 436-437
severe intoxication, flumazenil infusion in, 238-241
- Benzoyllecgonine, ingestion, seizures and, 529-533
- Bird fancier's lung, shortness of breath, pet cockatiel, 285-288
- Bladder, foreign body removal, ultrasound localization (letter), 329-330
- Blindness, acute, after quinine poisoning (letter), 214-215
- Book review, 324
- Bradycardia, seizure-related, asystole and, epilepsy, 582-584
- Bronchitis, emergency care of tracheostomy, 681-685
- Bronchospasm
acute asthma, in the ED, admit or discharge, 69-75
in asthma, nebulized glucagon in treatment of, 272-275
single-breath counting for assessment, ED (letter), 100-101
- Bush thoracotomy, Papua New Guinea, 717-719
- Bupivacaine
prilocaine comparison, laceration repair, 121-124
temperature and pH adjustments of, effects in intradermal anesthesia, 117-120
- Burns, air bag-related, lower extremity, children (letter), 438-440
- Calcium, serum electrolyte disorders, algorithms for diagnosis, 76-84
- Calcium channel blockers, toxicity, amlodipine overdose, 527-529
- Capnometry
portable quantitative, 399-400
pulse oximetry and, detection of airway mishaps, 350-352
semiquantitative, carbon dioxide indicator, 677-680
- Cardiac arrest
asphyxial, mild protective and resuscitative hypothermia in, rat, 17-25
out-of-hospital, mechanical *versus* manual chest compressions, 289-292
prehospital
Japan, factors for survival, 209-213
standard of care, editorial 325-326, 315-319
response times and outcomes, Las Vegas casinos, 249-253
sequelae of critical airway management and intubation, 609-612
witnessed by EMS personnel, epidemiology and outcome, 12-16
- Cardiopulmonary resuscitation
asphyxial cardiac arrest, rat, 17-25
bystander, cardiac arrest, Japan, factors for survival, 209-213
classes, skill mastery in, 653-657
mechanical *versus* manual, out-of-hospital, 289-292
outcome, cardiac arrest in Las Vegas casinos, 249-253
- Cardiovascular sequelae, delayed, from Kawasaki syndrome, 579-581
- Carditis, Lyme disease, presentation in ED, 265-269
- Carotid artery, internal, dissection, from vomiting, 669-671
- Carotid artery dissection, traumatic internal, blunt softball injuries, 179-182
- Catheterization
ultrasound-assisted, internal jugular vein, ED, 401-403
urethral and intravenous, pain (letter), 327
- Caustic ingestion, household bleach, airway edema after, 514-516
- Cellulitis, emergency care of tracheostomy, 681-685
- Central nervous system, infection, intracerebral hemorrhage and coincident meningitis, unresponsiveness adult, 576-578
- Cerebral ischemia, asphyxial cardiac arrest, mild hypothermia for, rat, 17-25
- Cerebral protection, asphyxial cardiac arrest, mild hypothermia for, rat, 17-25
- Cerebrovascular disease, carotid artery dissection, blunt softball injuries, 179-182
- Cervical spine
atlanto-occipital dislocation, unrecognized, 406-408
fractures and dislocations, prevertebral soft tissue measurement at C3 for, 346-349
- Charcoal, activated, gastrointestinal decontamination, toxic ingestions, EMS, 114-116
- Chemotherapy, pleural effusion, unusual presentation in the ED, 163-165
- Chest compressions. *see* Cardiopulmonary resuscitation
- Chest pain
acute myocardial infarction, gender differences in symptoms, 363-366
left ventricular hypertrophy and, 692-696
- Chiropractic manipulation, vertebral artery dissection after (letter), 619-620
- Chlamydia trachomatis*, infections, diagnosis in the ED, 157-159
- Chloral hydrate, overdose, acute gastric perforation in (letter), 545-546
- Chlorzoxazone, overdose, coma and, reversal with flumazenil, 393-395
- Chronotoxicology, cocaine, urban ED, 568-571
- Circadian rhythms
adaptation to night shift, melatonin effects, 367-370
assaults from penetrating trauma, State of Illinois, 553-556

- cocaine chronotoxicology, urban ED, 568-571
time series analysis, ambulance run volume, 232-237
- Cocaine
abuse, chronotoxicology, urban ED, 568-571
adulterated intranasal, anticholinergic poisoning with, 517-520
multiple seizures induced by, 529-533
sniffing, spontaneous pneumothorax in (letter), 546-548
- Colchicine, overdose, fatal, 603-608
- Colorimetric capnometry, carbon dioxide indicator, 677-680
- Colposcopy, evaluation of adult sexual assault victim, 183-184
- Coma, chlorzoxazone overdose, reversal with flumazenil, 393-395
- Computed tomography
blunt abdominal trauma, in the ED, 338-342
diagnosis of stump appendicitis, 309-311
mycotic aneurysm, subclavian artery, 714-716
recurrent and chronic appendicitis, 26-33
retroperitoneal organ injury, blunt abdominal trauma, 225-227
- Continuing education, implementing means restriction education for suicide, urban EDs, 257-261
- Coronary artery, left, anomalous, myocardial infarction in children and, 296-303
- Corticosteroids, early administration, acute asthma (letter), 436
- Cost-effectiveness, nebulized racemic epinephrine, treatment of croup, 87-89
- Cough, psychogenic (letter), 617-618
- Coumadin, skin necrosis induced by, 541-543
- Crack. *see* Cocaine
- Creatine kinase, serum indicator of myocardial infarction, exercise-induced muscle injury, 107-113
- Cresol, poisoning, aminotransferase level increases after, 667-669
- Critical care, provided in urban ED, 56-59
- Croup, nebulized racemic epinephrine in treatment, cost-effectiveness of, 87-89
- CT. *see* Computed tomography
- Cystitis, emphysematous, unusual presentation, 664-666
- Data pooling, ankle injuries, Ottawa Ankle Rules, adults in the ED, 564-576
- Death, pediatric, coping the ED, parental experience, 67-68
- Decision analysis, revised strategies, febrile children at risk for occult bacteremia, 193-207
- Decision criteria, acute asthma, in the ED, admit or discharge, 69-75
- Decongestants, pseudoephedrine and topical oxymetazoline comparison, during air travel, 262-264
- Defibrillation, automatic external defibrillator, sudden cardiac arrest, editorial, 315-319, 325-326
- Dermatitis, mace, treatment with topical antacid suspension (letter), 613-614
- Diabetes
acute myocardial infarction and, gender differences in symptoms, 363-366
emphysematous pyelonephritis in, 166-169
- Diabetes mellitus, emphysematous cystitis, unusual presentation, 664-666
- Diagnosis
age-related differences, elderly population in the ED, 43-48
algorithms, serum electrolyte disorders, 76-84
limited MRI, occult hip fractures, 390-392
- Diagnostic tests
bedside, sensitivity, specificity, and predictive value (letter), 95
likelihood ratios (letter), 722-723
triage nurse and physician ordering of, correlation, ED, 8-11
- Diarrhea, emphysematous cystitis, unusual presentation, 664-666
- Disease surveillance, in the ED, underreporting of gonorrhea, 137-140
- Distracting injuries, after blunt trauma, 145-150
- Diverticulitis, presenting as scrotal pain (letter), 618-619
- Domestic violence
intimate partner, need for law enforcement, University ED, 60-63
nonbattering presentations in ED, women, 128-131
- Drug application, intratracheal, colibri carbon dioxide indicator, 677-680
- Drug eruptions, topical fluorescein, periorbital urticaria from, 525-526
- Drug overdose
benzodiazepines, endotracheal flumazenil administration for antagonism, 170-172
gastrointestinal decontamination by EMS personnel, 114-116
- Dysrhythmias
Lyme carditis, presentation in ED, 265-269
seizure-related bradycardia and asystole, in epilepsy, 582-584
- Earthquake, Northridge, effects on pattern of emergency care, 254-256
- Ecgonine, ingestion, seizures and, 529-533
- ED. *see* Emergency department
- Editorials, 325-326, 720-721
- Education
CPR training, skill mastery in, 653-657
medical, future of emergency medicine, 710
- Elderly subjects. *see* Aging; Geriatrics
- Electrocardiography
acute posterior wall myocardial infarction, 409-413
benign early repolarization, differentiation from ST segment elevation syndromes, 592-597
cases in, 85-86, 191-192, 312-314, 417-419
left bundle branch block, acute MI in, 697-700
myocardial infarction, in children, 296-303
- Electrolytes, serum, disorders, algorithms for diagnosis, 76-84
- Emergency department
acute asthma in, admit or discharge, 69-75
asymptomatic hypertension, 701-704
bronchospasm, single-breath counting for (letter), 100-101
callbacks in, reduction, quality improvement, 160-162
chlamydial infections, 157-159
CT in, blunt abdominal trauma, 338-342
diagnosis, age-related differences in the elderly, 43-48
diagnosis of abdominal disorders, elderly subjects, 357-362
discharge from, pain control after, 705-707
disease surveillance in, underreporting of gonorrhea, 137-140
evaluation of the elderly, mini-mental status examination, 686-689
frequent utilization, patterns, 648-652
involuntary confinement, psychiatric patients, medicolegal errors in, 631-633
laceration repair, bupivacaine and prilocaine comparison, 121-124
Lyme carditis, 265-269
nonbattering presentations, women in physically abusive relationships, 128-131
pattern of care
frequent users, 648-652
Northridge earthquake effects on, 254-256
pediatric
coping with death, 67-68
weather effects on nature of visits, 374-375
pharmacoeconomic assessment of midazolam (letter), 616-617
pleural effusion, unusual presentation, 163-165
radiography in, evaluation of shoulder pain, 560-563
self-assessment of acute pain in, comparative study, 132-136
severe asthma, salbutamol nebulizer treatment, 637-642
test ordering, correlation between triage nurse and physician, 8-11
triage classification, routine pulse oximetry measurements in, 5-7
ultrasound-assisted catheterization in, internal jugular vein, 401-403

- urban
 - cocaine chronotoxicology in, 568-571
 - critical care provided in, 56-59
 - implementing means restriction education for suicide, 257-261
 - overuse of parenteral antibiotics, 343-345
 - volume and severity of use, impact of National Health Insurance on, 92-94
- Emergency medical services
 - acute MI, intravenous beta-blockers in, editorial, 623-626, 720-721
 - acute myocardial infarction, gender differences in symptoms, 363-366
 - ankle injuries, Ottawa Ankle Rules, adults in the ED, 564-576
 - life-saving technicians, cardiac arrest survival, Japan, 209-213
 - out-of-hospital cardiac arrest, mechanical *versus* manual CPR, 289-292
 - pattern of care, Northridge earthquake effect on, 254-256
 - personnel, witness of cardiac arrest, outcome, 12-16
 - prehospital gastrointestinal decontamination, toxic ingestions, 114-116
 - repeated ambulance use, three chronic conditions, 141-144
 - response times and outcomes, cardiac arrest in Las Vegas casinos, 249-253
 - rural Vietnam, 422-424
- Emergency medicine
 - future of, 710
 - intimate partner violence, need for law enforcement, University ED, 60-63
 - survey of patients, waiver of informed consent, 90-91
- Emergency medicine literature, multiple authorship, 708-709
- Emergency medicine physicians
 - Board-certified, national survey, 1-4
 - correlation with triage nurse and, test ordering in ED, 8-11
 - profiling, information sharing effects on laboratory use, 34-36
- Emergency medicine residents, impact on ancillary test utilization, 245-248
- EMLA cream, 20-minute, pain reduction in peripheral IV cannulation in ED, 634-636
- Emphysematous cystitis, unusual presentation, 664-666
- Emphysematous pyelonephritis, bilateral, in diabetes, 166-169
- Empyema, bush thoracotomy in Papua New Guinea, 717-719
- Endotracheal intubation, occlusion, after oral intubation with Endo-trol tube, 276-278
- Endotracheal tube
 - airway mishaps, monitoring capnography and pulse oximetry in, 350-352
 - flumazenil administration, new route for benzodiazepam antagonism, 170-172
- Epiglottitis, spontaneous bilateral arytenoid hematoma, in warfarin patient, 674-676
- Epiglottitis, lingual abscess mimicking, 414-416
- Epilepsy, seizure-related bradycardia, asystole and, 582-584
- Epinephrine, nebulized racemic, treatment of croup, cost-effectiveness of, 87-89
- Esophageal tube, malposition, colibri carbon dioxide indicator, 677-680
- Esophagus, perforation, complication of nasogastric tube placement, 64-66
- Ethics, research, waiver of informed consent, survey of emergency medicine patients, 90-91
- Etomidate, sedation, for intubation (letter), 101-102
- Exercise, muscle injury induced by, serum indicators of myocardial infarction after, 107-113
- Extremity, lower
 - air bag-related burns, pediatric patient (letter), 438-440
 - analysis of motorcycle accidents in Germany, 320-323
- Facial injuries, mandibular fractures, clinical predictors of, 304-305
- Falls, after an ice storm, fractures and other injuries, 52-55
- Femur, fracture, diagnosis by auscultatory percussion technique, 173-176
- Fenoterol, nebulized, *versus* IV aminophylline, treatment of acute asthma (letter), 95
- Fever
 - children at risk for occult bacteremia, decision analysis, 193-207
 - children with urinary tract infection, 643-647
- Flecainide, overdose, hypertonic sodium bicarbonate in, 534-537
- Flumazenil
 - continuous infusion, in severe benzodiazepine intoxication, 238-241
 - endotracheal, new route for benzodiazepam antagonism, 170-172
 - endotracheal administration, benzodiazepine overdose (letter), 436-437
 - reversal, chlorzoxazone overdose and coma, 393-395
- Fluoresceins, topical, periorbital urticaria and, 525-526
- Fluoxetine, overdose, generalized seizures caused by (letter), 328-329
- Folk medicine, bush thoracotomy in Papua New Guinea, 717-719
- Forecasting, time series analysis, ambulance run volume, 232-237
- Foreign bodies
 - aspiration, laryngectomized patient (letter), 103-104
 - needle, infixed in heart, 662-663
 - retained glass, wounds, 627-630
 - urinary bladder, ultrasound localization, removal (letter), 329-330
- Fractures
 - cervical spine, prevertebral soft tissue measurement at C3 for, 346-349
 - falls after an ice storm, 52-55
 - femoral, diagnosis by auscultatory percussion technique, 173-176
 - hip, occult, limited MRI in diagnosis of, 390-392
 - humerus, spiral, ball thrower, 306-308
 - mandibular, clinical predictors of, 304-305
 - proximal, humerus, axillary artery injuries after, 154-156
- Gastric perforation, from chloral hydrate overdose (letter), 545-546
- Gender differences, reported symptoms, acute myocardial infarction, 363-366
- Geriatrics
 - abdominal disorders, ED diagnosis in the elderly, 357-362
 - diagnoses in the elderly, age-related differences, 43-48
 - evaluation in the ED, mini-mental status examination, 686-689
- Glucagon, nebulized, treatment of bronchospasm in asthma, 272-275
- Gonorrhea, underreporting, ED, 137-140
- Gout
 - colchicine for, fatal overdose, 603-608
 - tophaceous lumbar, mimicking epidural abscess (letter), 216-217
- Group practice, Board-certified emergency physicians, national survey of quality of care, 1-4
- Head injury, closed, superior sagittal sinus thrombosis after, 382-385
- Health insurance, National Health Insurance, impact on ED use, 92-94
- Health planning, future of emergency medicine, 710
- Heart, needle infixed in, penetrating trauma, 662-663
- Heart failure, reversible, in alcoholic ketoacidosis, 371-373
- Heliox, therapy, obstructive hypoventilation (letter), 215-216
- Hematocrit, initial spun, significance in trauma patients, 150-153
- Hematoma, arytenoid, spontaneous bilateral, warfarin patient, 674-676
- Hemodialysis
 - chronic lithium overdose, rebound after (letter), 98-100

- duration of, pharmacokinetics for determination, in methanol poisoning, 538-540
- Hemorrhage, significance of initial spun hematocrit, trauma patients, 150-153
- Hepatitis
- acute, induced by omeprazole (letter), 550-551
 - disseminated herpes simplex, neonate, 376-378
- Herpes, oral, acyclovir administration, neutropenia and thrombocytopenia with, 396-398
- Herpes simplex, disseminated, neonate, 376-378
- Hip fracture
- diagnosis by auscultatory percussion technique, 173-176
 - occult, limited MRI in diagnosis of, 390-392
- Hospital costs, ancillary test utilization, impact of residents on, 245-248
- Humeral fracture
- proximal, axillary artery injuries after, 154-156
 - spiral, ball thrower, 306-308
- Hydrocarbons, subcutaneous injection, skin necrosis and venous thrombosis from, 508-511
- Hydrofluoric acid, systemic and topical effects, suicide, 521-522
- Hydrothorax, pseudo-Meigs's syndrome, 404-405
- Hyoscyamine sulfate, sublingual, intravenous ketorolac tromethamine and, relief of renal colic, 557-560
- Hyperkalemia, electrocardiography, 312-314
- Hypersensitivity, topical fluorescein, periorbital urticaria from, 525-526
- Hypersensitivity pneumonitis, shortness of breath, pet cockatiel, 285-288
- Hypertension, asymptomatic, in the ED, 701-704
- Hyphema, in air bag deployment, pediatric trauma patient (letter), 102-103
- Hypocapnia, pulmonary embolism, alveolar-arterial oxygen gradient in assessment, 333-337
- Hypochlorite household bleach, caustic ingestion, airway edema after, 514-516
- Hypoglycemia, presenting as acute respiratory failure, infant, 281-284
- Hypophosphatemia, role in myocardial dysfunction, alcoholic ketoacidosis patient, 371-373
- Hypothermia
- agitation and, ibuprofen overdose (letter), 549-550
 - mild, for asphyxial cardiac arrest, rat, 17-25
- Hypoventilation, obstructive, heliox therapy in (letter), 215-216
- Hypoxemia, pulmonary embolism, alveolar-arterial oxygen gradient in assessment, 333-337
- Ibuprofen, overdose, severe agitation and hypothermia (letter), 549-550
- Idioventricular rhythm, electrocardiography, 312-314
- Infant
- hypoglycemia, presenting as respiratory failure, 281-284
 - methemoglobinemia in (letter), 723-724
- Infection
- after trauma, aerobic and anaerobic bacteria, 585-591
 - bacterial, normal saline and tap water comparison for wound irrigation, 379-381
 - chlamydial, diagnosis in the ED, 157-159
 - wound, irrigation pressure effects, two new devices, 37-42
- Information sharing, emergency physicians, reduction of laboratory use and, 34-36
- Informed consent, waiver of, survey of emergency medicine patients, 90-91
- Inhaler, metered dose, salbutamol, severe asthma treatment, ED, 637-642
- Injuries. *see* Wounds and injuries
- Injury patterns
- motorcycle accidents, Germany, 320-323
 - rugby (letter), 327-328
- Intoxication, benzodiazepine, continuous flumazenil infusion in, 238-241
- Intraabdominal injuries, after blunt trauma, injuries distracting from, 145-150
- Intracerebral hemorrhage, coincident meningitis and, unresponsive adult, 576-578
- Intraosseous infusion, needle placement, pediatric, Jamshidi *versus* Cook, 420-421
- Intravenous access, rapid, in shock resuscitation, 293-295
- Intravenous cannulation, peripheral, pain reduction, EMLA cream for, 634-636
- Intravenous injection, beta-blockers, in acute MI, editorial, 623-626, 720-721
- Intubation
- airway, success rate with neuromuscular blocking agents, 125-127
 - critical airway management, cardiac arrest as sequelae of, 609-612
 - etomidate sedation in (letter), 101-102
 - intratracheal, Colibri carbon dioxide indicator, 677-680
 - nasogastric, esophageal perforation as a complication of, 64-66
 - prehospital, patient lying supine on ground (letter), 435
 - rapid sequence induction for, aeromedical transport team, 598-602
- Intussusception, after blunt abdominal trauma, 671-673
- Ipecac, gastrointestinal decontamination, toxic ingestions, EMS, 114-116
- Irrigation, normal saline and tap water comparison, wounds, 379-381
- Irrigation pressure, wound infection rate and, two new devices, 37-42
- Jugular vein, internal, ultrasound-assisted catheterization, ED, 401-403
- Kawasaki syndrome, delayed cardiovascular sequelae from, 579-581
- Ketoacidosis, alcoholic, reversible myocardial dysfunction in, 371-373
- Ketorolac tromethamine, sublingual hyoscyamine sulfate and, relief of renal colic, 557-560
- Kidney
- blunt trauma, retroperitoneal organ injury, CT value in, 225-227
 - ruptured angiomyolipoma, presenting as renal colic, 658-661
- Laboratory tests, emergency physician ordering of, information sharing effects on, 34-36
- Laryngectomy, foreign body aspiration in (letter), 103-104
- Law enforcement, in intimate partner violence, University ED, 60-63
- Left bundle branch block, acute MI in, ECG diagnosis, 697-700
- Left ventricular hypertrophy, chest pain patients, 692-696
- Leukocytes, serum indicator of myocardial infarction, exercise-induced muscle injury, 107-113
- Lidocaine
- administration, pain reduction through buffering and warming, 353-356
 - EMLA cream, pain reduction in peripheral IV cannulation in ED, 634-636
- Likelihood ratios, diagnostic tests (letter), 722-723
- Lingual abscess, mimicking epiglottitis, 414-416
- Lisinopril, rechallenge, acute pancreatitis following, 523-524
- Lithium, overdose, hemodialysis in, rebound after (letter), 98-100
- Lung, pigeon-breeders or bird-fancier's, shortness of breath, pet cockatiel, 285-288

- Lyme disease, carditis, presentation in ED, 265-269
- Lymphocytes, serum indicator of myocardial infarction, exercise-induced muscle injury, 107-113
- Mace, dermatitis, treatment with topical antacid suspension (letter), 613-614
- Magnetic resonance angiography, mycotic aneurysm, subclavian artery, 714-716
- Magnetic resonance imaging, limited, diagnosis of occult hip fractures, 390-392
- Malpractice, involuntary confinement of psychiatric patients, medicolegal errors in the ED, 631-633
- Mandibular fractures, clinical predictors of, 304-305
- Medicolegal errors, involuntary confinement of psychiatric patients, ED, 631-633
- Meigs' syndrome, pseudo, 404-405
- Melatonin, adaptation to night shift and, 367-370
- Meningitis, coincident, intracerebral hemorrhage and, unresponsiveness adult, 576-578
- Methanol, poisoning, duration of hemodialysis in, 538-540
- Methemoglobinemia, infancy (letter), 723-724
- Methergine, myocardial infarction induced by, postpartum, 502-504
- Microbiology, aerobic and anaerobic, infection after trauma, 585-591
- Midazolam, pharmacoeconomic assessment, two EDs (letter), 616-617
- Mini-mental status examination, evaluation of the elderly, ED, 686-689
- Models, rat, asphyxial cardiac arrest, mild hypothermia for, 17-25
- Mood, melatonin effects, adaptation to night shift, 367-370
- Motorcycle accident
analysis, Germany, 320-323
response time, prehospital care, 711-713
- Motor vehicle accidents
air bag deployment, hyphema and, pediatric trauma patient (letter), 102-103
air bag-related burns, pediatric patient (letter), 438-440
- Muscle, skeletal, injury, exercise-induced, serum indicators of myocardial infarction after, 107-113
- Mycotic aneurysm, subclavian artery, presenting as mediastinal abscess, 714-716
- Myocardial infarction
acute
electrocardiography, 409-413
intravenous beta-blockers in, editorial, 623-626, 720-721
in left bundle branch block, ECG diagnosis, 697-700
symptoms, gender differences in, 363-366
xiphodinia masking, 177-178
in children, 296-303
electrocardiography, 312-314
postpartum, induced by methergine, 502-504
serum indicators of, exercise-induced muscle injury, 107-113
- Myocardium
irritability, electrocardiography, 417-419
posterior wall, acute infarction, electrocardiography, 409-413
- Naphtha, subcutaneous injection, skin necrosis and venous thrombosis from, 508-511
- Nasogastric intubation, esophageal perforation as a complication of, 64-66
- National Health Insurance, impact on ED use, 92-94
- Nebulizer, salbutamol, severe asthma treatment, ED, 637-642
- Needles, intraosseous placement, pediatric, Jamshidi *versus* Cook, 420-421
- Neonate, disseminated herpes simplex infection, 376-378
- Neuroleptic malignant syndrome, early signs of (letter), 95-96
- Neuromuscular blocking agents, success rate of airway intubation with, 125-127
- Neuropathy, ischemic, acute aortic dissection presenting as numbness, 49-51
- Neutropenia, thrombocytopenia and, associated with oral acyclovir, 396-398
- Nitrates, high-dose, treatment of unstable angina, 219-224
- Norcocaine, ingestion, seizures and, 529-533
- Omeprazole, acute hepatitis induced by (letter), 550-551
- Oropharyngeal suction, large-diameter tubing, evacuation time of simulated vomitus, 242-244
- Otolaryngology, tracheostomy, emergency care, 681-685
- Outcomes, response times and, cardiac arrest in Las Vegas casinos, 249-253
- Outpatient management, croup, nebulized racemic epinephrine in, 87-89
- Overdose
amlodipine, prolonged calcium channel blocker toxicity, 527-528
chloral hydrate, acute gastric perforation in (letter), 545-546
chlorzoxazone, coma and, reversal with flumazenil, 393-395
colchicine, fatal, 603-608
flecainide, hypertonic sodium bicarbonate in, 534-537
fluoxetine, generalized seizures caused by (letter), 328-329
ibuprofen, severe agitation and hypothermia (letter), 549-550
risperidone effects in, 498-501
Oxymetazoline, topical, pseudoephedrine comparison, barotrauma during air travel, 262-264
- Pain
acute, self-assessment in the ED, comparative study of, 132-136
control, after discharge from ED, 705-707
local anesthetic infiltration (letter), 617
measurement, buffering and warming in lidocaine administration, 353-356
migratory, in appendicitis (letter), 437-438
scrotal, diverticulitis presenting as (letter), 618-619
shoulder, radiographs in evaluation of, ED, 560-563
urethral and intravenous catheterization (letter), 327
Pallor, severe unrecognized, respiratory distress and, 386-389
Pancreatitis, acute, after lisinopril challenge, 523-524
Parafon forte. *see* Chlorzoxazone
Parenteral administration, antibiotics, overuse in urban ED, 343-345
Paresthesia, left lower extremity, acute aortic dissection presenting as, 49-51
Peak expiratory flow rate, speaking time comparison, acute exacerbation of asthma, 572-575
- Pediatrics
air bag-related burns, lower extremity (letter), 438-440
death in the ED, coping, learning from parental experience, 67-68
disseminated herpes simplex, neonate, 376-378
febrile children, at risk for occult bacteremia, decision analysis, 193-207
hypoglycemia, presenting as respiratory failure, infant, 281-284
intraosseous needle placement, Jamshidi *versus* Cook, 420-421
methemoglobinemia in infancy (letter), 723-724
myocardial infarction in children, 296-303
preexcitation in infancy and childhood, 188-190
respiratory distress, severe unrecognized anemia and, 386-389
stroke in patient with sickle cell trait (letter), 104-105
trauma, hyphema associated with air bag deployment (letter), 102-103
urinary tract infection, fever and, 643-647
- Periodicity, assaults from penetrating trauma, State of Illinois, 553-556
- Peritoneal dialysis, continuous ambulatory, rupture of amyloid spleen in, 279-280
- pH, adjustment, bupivacaine, temperature and, intradermal anesthesia, 117-120

- Pharmacoeconomics, midazolam, two EDs (letter), 616-617
- Pharmacokinetics, determination of hemodialysis duration, methanol poisoning, 538-540
- Physical abuse, partner, nonbattering presentations to the ED, 128-131
- Physostigmine, treatment
- anticholinergic poisoning, 505-507
 - anticholinergic poisoning with adulterated cocaine, 517-520
- Pleural effusion, unusual presentation, ED, 163-165
- Pneumonia, aspiration, large-diameter suction tubing and evacuation time in, 242-244
- Pneumothorax, spontaneous, cocaine sniffers (letter), 546-548
- Poisoning
- anticholinergic, treatment with physostigmine, 505-507
 - cresol, aminotransferase level increases after, 667-669
 - methanol, duration of hemodialysis in, 538-540
 - quinine, acute blindness after (letter), 214-215
 - risperidone effects in overdose, 498-501
 - severe benzodiazepine intoxication, continuous flumazenil infusion in, 238-241
- Postpartum period, myocardial infarction, induced by methergine, 502-504
- Potassium, serum electrolyte disorders, algorithms for diagnosis, 76-84
- Preexcitation, infancy and childhood, 188-190
- Prehospital care
- acute myocardial infarction, gender differences in symptoms, 363-366
 - ambulance run volume, time series analysis, 232-237
 - cardiac arrest
 - defibrillation, editorial, 315-319, 325-326
 - Japan, factors for survival, 209-213
 - out-of-hospital, witnessed by EMS personnel, 12-16
 - equipment
 - Colibri carbon dioxide indicator, 677-680
 - portable quantitative capnometer, 399-400
 - gastrointestinal decontamination, toxic ingestions, EMS, 114-116
 - intubation, patient lying supine on ground (letter), 435
 - reduction of response time, 711-713
- Prilocaine
- bupivacaine comparison, laceration repair, 121-124
 - EMLA cream, pain reduction in peripheral IV cannulation in ED, 634-636
- Pseudoaneurysm, axillary artery, after proximal fracture of the humerus, 154-156
- Pseudoephedrine, topical oxymetazoline comparison, barotrauma during air travel, 262-264
- Psychiatric emergencies, involuntary confinement, medicolegal errors in the ED, 631-633
- Pulmonary embolism, assessment, alveolar-arterial oxygen gradient in, 333-337
- Pulseless disease, Takayasu's arteritis, presenting as amaurosis fugax, 185-187
- Pulse oximetry
- monitoring capnography and, detection of airway mishaps, 350-352
 - routine, effect on ED triage classifications, 5-7
- Purpura, thrombotic thrombocytopenic, presenting as expressive aphasia, 270-271
- Pyelonephritis, emphysematous, in diabetes, 166-169
- Quality of care
- Board-certified emergency physicians, national survey, 1-4
 - continuous quality improvement, reduction of callbacks in ED, 160-162
- Quinine, poisoning, acute blindness after (letter), 214-215
- Radiography
- atlanto-occipital dislocation, unrecognized, 406-408
 - discrepancies in interpretation, callbacks in the ED due to, 160-162
 - evaluation of shoulder pain, ED, 560-563
- Rape, adult victim, colposcopy in evaluation of, 183-184
- Rapid sequence induction, for intubation, aeromedical transport team, 598-602
- Renal colic
- ruptured angiomyolipoma presenting as, 658-661
 - sublingual hyoscyamine sulfate, intravenous ketorolac tromethamine and, 557-560
- Repolarization, benign early, differentiation from other ST segment elevation syndromes, 592-597
- Research, barbaric medicine, 208
- Residents. *see* Emergency medicine residents
- Respiration, artificial, cardiac arrest as sequelae of, 609-612
- Respiratory distress, severe unrecognized anemia and, children, 386-389
- Respiratory failure, acute, hypoglycemia presenting as, infant, 281-284
- Respiratory illness, repeated ambulance use by patients with, 141-144
- Response time
- outcomes and, cardiac arrest, Las Vegas casinos, 249-253
 - reduction of, prehospital care, motorcycle accident, 711-713
- Resuscitation, prehospital cardiac arrest, Japan, factors for survival, 209-213
- Risperidone, effects in overdose, 498-501
- Rural trauma center, alcohol-related trauma patients in, 228-231
- Sagittal sinus, superior, thrombosis, after closed head injury, 382-385
- Salicylate, ingestions, test for qualitative determination (letter), 546
- Saline, normal, tap water comparison, for wound irrigation, 379-381
- Scapula, dislocation, 690-691
- Scopolamine, poisoning/toxicity, treatment with physostigmine, 505-507
- Seizure disorder, repeated ambulance use by patients with, 141-144
- Seizures
- generalized, fluoxetine overdose (letter), 328-329
 - multiple, cocaine-related, 529-533
- Self-assessment, acute pain, in the ED, comparative study, 132-136
- Sexual assault, adult victim, colposcopy in evaluation of, 183-184
- Shock
- resuscitation, rapid intravenous access in, 293-295
 - significance of initial spun hematocrit in, 150-153
- Shoulder
- injury, scapular dislocation, 690-691
 - pain, radiographs in evaluation of, ED, 560-563
- Sickle cell trait, stroke and, 9-year-old patient (letter), 104-105
- Single-breath counting, for bronchospasm, ED (letter), 100-101
- Skin necrosis
- subcutaneous naphtha injection, 508-511
 - warfarin-induced, 541-543
- Sleep, melatonin effects, adaptation to night shift, 367-370
- Sodium, serum electrolyte disorders, algorithms for diagnosis, 76-84
- Sodium bicarbonate, hypertonic, for flecainide overdose, 534-537
- Soft tissue, prevertebral, measurement at C3, cervical spine fractures and dislocations, 346-349
- Speaking time, comparison with peak expiratory flow rate, acute exacerbation of asthma, 572-575
- Spleen, amyloid, spontaneous rupture, continuous ambulatory peritoneal dialysis patient, 279-280
- Standard of care
- defibrillation, in sudden cardiac arrest, editorial 325-325, 315-319
 - legal, evolving clinical practices and (editorial), 325-326

- Staphylococcus aureus*, infection after trauma, 585-591
- Stress fracture, humerus, ball thrower, 306-308
- Stroke, sickle-cell trait and, 9-year-old patient (letter), 104-105
- ST segment, elevation
- benign early repolarization differentiation from, 592-597
 - electrocardiography left ventricular hypertrophy in chest pain, 692-696
- Subclavian artery, mycotic aneurysm, presenting as mediastinal abscess, 714-716
- Suction systems, large-diameter tubing, vomitus evacuation time, 242-244
- Suicide
- intralesional hydrofluoric acid, systemic and topical effects, 521-522
 - means restriction education, implementing in urban EDs, 257-261
- Surgery, esophageal perforation, from nasogastric intubation, 64-66
- Swelling, soft tissue, prevertebral, for detection of cervical spine fractures, 346-349
- Tachycardia
- reentrant, preexcitation in infancy and childhood, 188-190
 - supraventricular
 - electrocardiography, 417-419
 - sequelae from Kawasaki syndrome, 579-581
 - ventricular, electrocardiography, 417-419
- Tachypnea, severe unrecognized anemia, respiratory distress and, children, 386-389
- Takayasu's arteritis
- presenting as amaurosis fugax, 185-187
 - unusual case of abdominal pain (letter), 96-98
- Technology, future of emergency medicine, 710
- Temperature, pH adjustments of bupivacaine and, intralesional anesthesia, 117-120
- Thoracotomy, bush, Papua New Guinea, 717-719
- Thrombocytopenia
- neutropenia and, associated with oral acyclovir, 396-398
 - thrombotic purpura, presenting as expressive aphasia, 270-271
- Thromboembolism, diagnosis, alveolar-arterial oxygen gradient in, 333-337
- Thrombosis, superior sagittal sinus, after closed head injury, 382-385
- Thrombotic thrombocytopenic purpura, acute, presenting as expressive aphasia, 270-271
- Time series analysis, ambulance run volume, 232-237
- Torsades de pointes, electrocardiography, 417-419
- Toxic ingestions
- crack cocaine, seizures and, 529-533
 - gastrointestinal decontamination by EMS personnel, 114-116
- Toxicity, fatal colchicine overdose, 603-608
- Toxicology, risperidone effects in overdose, 498-501
- Tracheal intubation, occlusion, after oral intubation with Endotrol tube, 276-278
- Tracheitis, emergency care of tracheostomy, 681-685
- Tracheostomy, emergency care, 681-685
- Training, CPR, skill mastery in, 653-657
- Trauma
- abdominal, blunt, intussusception after, 671-673
 - alcohol-related, rural trauma center, 228-231
 - annotated bibliography of the literature, 425-434
 - blunt, intraabdominal injuries, injuries distracting from, 145-150
 - cervical spine fractures, prevertebral soft tissue measurement at C3 for, 346-349
 - closed head injury, superior sagittal sinus thrombosis after, 382-385
 - infection after, aerobic and anaerobic microbiology, 585-591
 - motorcycle accidents, Germany, 320-323
 - penetrating
 - assaults, State of Illinois, 553-556
 - needle infixed in heart, 662-663
 - retained glass in wounds, 627-630 - personnel staffing and scheduling, time series analysis of ambulance run volume, 232-237
 - renal, retroperitoneal organ injury, CT value in, 225-227
 - rugby injuries (letter), 327-328
 - severe chest and minor head, basilar artery occlusion after (letter), 614-616
 - spinal, atlanto-occipital dislocation, unrecognized, 406-408
 - trivial, internal carotid artery dissection from vomiting, 669-671
- Triage
- ED classifications, routine pulse oximetry measurements in, 5-7
 - nurse and physician, correlation of ED test ordering, 8-11
- Ultrasonography
- catheterization assisted by, jugular vein, ED, 401-403
 - localization of foreign body, urinary bladder (letter), 329-330
- Urinary tract infection, febrile children, management of, 643-647
- Urticaria, periorbital, topical fluoresceins and, 525-526
- Utstein style, cardiac arrest, witnessed by EMS personnel, outcome, 12-16
- Venous access device, pleural effusion, unusual presentation in the ED, 163-165
- Venous thrombosis, subcutaneous naphtha injection, 508-511
- Ventilation, mechanical, oral intubation with Endotrol endotracheal tube, 276-278
- Ventricular fibrillation, outcome, cardiac arrest in Las Vegas casinos, 249-253
- Vertebral artery, dissection, after chiropractic manipulation (letter), 619-620
- Vietnam, emergency health services in, 422-424
- Violence. *see also* Domestic violence
- Vomiting, internal carotid artery dissection, 669-671
- Vomitus, evacuation, large-diameter suction tubing and evacuation time, 242-244
- Warfarin
- skin necrosis induced by, 541-543
 - spontaneous bilateral arytenoid hematoma with, 674-676
- Water, tap, normal saline comparison, for wound irrigation, 379-381
- Weather
- ice storm, falls after, fractures and other injuries seen, 52-55
 - unfavorable, nature of visits to pediatric ED, 374-375
- Wellness, melatonin effects, adaptation to night shift, 367-370
- Wound, infection. *see* Infection
- Wound irrigation, new devices, infection rate and irrigation pressure, 37-42
- Wounds and injuries
- blunt trauma, softball, carotid artery dissection caused by, 179-182
 - falls, after an ice storm, 52-55
 - intraabdominal, after blunt trauma, injuries distracting from, 145-150
 - lacerations, comparison of topical anesthetics, 121-124
 - normal saline and tap water comparison, 379-381
 - retained glass foreign bodies, ED, 627-630
- Xiphodynia, masking acute myocardial infarction, 177-178
- X-ray. *see* Radiography
- Zinc ointment, anaphylaxis to, 512-513